## ISSUE SLIP STAPLE AREA (for additional cross references)

| POSITION                  | INITIALS | °5 110. | DATE                              |  |  |  |  |  |
|---------------------------|----------|---------|-----------------------------------|--|--|--|--|--|
| FEE DETERMINATION         | Mad      |         | 05-22-01                          |  |  |  |  |  |
| O.I.P.E. CLASSIFIER       |          | 47      | 5/22/01                           |  |  |  |  |  |
| FORMALITY REVIEW          | JM -     | 30850   | b/24/11                           |  |  |  |  |  |
| RESPONSE FORMALITY REVIEW | Я        | 10010   | 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 |  |  |  |  |  |

## INDEX OF CLAIMS

|              | Rejected                     | N Non-elected |
|--------------|------------------------------|---------------|
|              | Allowed                      | IInterference |
| <b>&amp;</b> | =Allowed                     | A Appeal      |
| ØD.          | ' (Through numeral) Canceled | Chineted      |
|              | - Restricted                 | O Objected    |

| C              | laim         | _           |          |          | *            |           |          |          |                 |              |  |          |          |          |          | ÷ Nestricieu |          |          |           |                |           |          |              |          |  |          |          |            |           |          |          |          |                |          |          |          |              |   |
|----------------|--------------|-------------|----------|----------|--------------|-----------|----------|----------|-----------------|--------------|--|----------|----------|----------|----------|--------------|----------|----------|-----------|----------------|-----------|----------|--------------|----------|--|----------|----------|------------|-----------|----------|----------|----------|----------------|----------|----------|----------|--------------|---|
|                |              | m Date      |          |          |              |           |          |          | Date Claim Date |              |  |          |          |          |          |              |          |          |           | <del>, .</del> | _         |          | Cla          | aim      | <del>                                     </del> | _        |          | ᆤ          | Date      | <u>'</u> | _        |          |                | $\dashv$ |          |          |              |   |
| 1 6            | 1            |             | 542/62   | 9/16/03  | 3            | Ī         |          |          |                 |              |  |          | Final    | Original |          |              |          |          |           |                |           |          |              |          |  | Final    | Original |            |           |          |          |          |                |          |          |          |              |   |
| ű              | غ            | 10          | 3.5      | 9        |              | $\perp$   | $\perp$  | ┙        |                 | 4            | 4  | 4        | <u> </u> |          | _        |              |          | -        | ├-        | -              | ╀         | ╀        | ╀            | +-       | 1  | ۳        | 101      | $\vdash$   | +         | +        | +        | 十        | 十              | 十        | _        | 7        | $\neg$       |   |
|                | L            | <u>1</u> // | 1        | <b>\</b> | 1            | ┸         | 1        | 4        | _               | 4            | 1  | 4        | $\vdash$ | 51       | -        | -            | $\vdash$ | -        | ├         | ╁              | ╀         | +        | ╁            | ╁        | ┧  | $\vdash$ | 102      |            | _         | +        | _        | 寸        | 寸              | 7        | ヿ        | 寸        | П            |   |
| - 3            |              | र्धा        | 1        | $\perp$  | 1            | 1         | _        | +        | 4               | +            | +  | 4        | $\vdash$ | 52<br>53 | ╀        | ├            | ⊢        | -        | ├         | ╁              | ╁         | ╁        | ╁            | ╁╴       | 1  | $\vdash$ | 100      |            | ┪         | +        | 十        | 寸        | $\neg$         | $\neg$   | $\neg$   | $\neg$   | $\Box$       |   |
| L              |              | 3           | Ц        | <b>✓</b> | 1            | 1         | _        | 4        | 4               | 4            | +  | 4        | -        | 54       |          | ⊢            | ├-       | ⊢        | ╀         | ╀              | ╁         | ╁        | ╫            | +        | 1  | $\vdash$ | 104      |            |           | 寸        | 十        | ヿ        | $\exists$      |          | $\Box$   | $\Box$   |              | ] |
| 3              | -            | 1           | Н        | $\bot$   | -            | +         | +        | +        |                 | +            | +  | $\dashv$ | $\vdash$ | 55       | _        | ╁╌           | ┢        | ļ        | 十         | +              | +         | T        | $\top$       | $\top$   | 1  |          | 105      | ı          |           |          | $\Box$   | $\Box$   |                |          |          |          |              | 1 |
|                | -            | 5           | ₩        | ~        | 4            | +         | +        | +        | +               | +            | +  | $\dashv$ | -        | 56       | -        | ╁            | ╁        | ┢        | T         | T              | $\dagger$ | 1        | T            | $\top$   | 1  |          | 106      |            |           |          |          | ٠,       |                | -7       | 64       | 2.       | ~ <u> </u>   | 1 |
| /I             |              | <u>6  </u>  | ₩        | ╀        | ╀            | +         | ╌        | +        | +               | +            | +  | $\dashv$ | H        | 57       | -        | 一            | $\vdash$ | T        | 1         | 1              | $\top$    | $\top$   | $\top$       | Τ        |  |          | 107      |            |           |          |          | _        |                |          | -        | _        | <u></u>      |   |
| 3              |              | ۲<br>8      | ╫        | ┿        | ╁            | +         | +        | +        | +               | $\dashv$     | +  | $\dashv$ |          | 58       |          | T            |          | Τ        | 1         | Τ              |           | 1_       | T            |          | ]  |          | 100      | 1          | _         | _        | _        | _        | _              | _        | $\vdash$ | _        | <u> </u>     | 1 |
| -              | _            | 9           | ╫        | +        | Ή            | +         | +        | +        | +               | +            | $\dashv$   | ┪        |          | 59       | 1        |              | Τ        | Τ        | Τ         |                | T         |          |              |          |  | L        | 109      | -          | _         | _        | _        |          | _              | _        | $\vdash$ |          | $\vdash$     | - |
| ⊢              | -+-          | 10          | +        | +        | ╫            | +         | +        | +        | 十               | _            | 7  | 7        |          | 60       |          | Π            |          |          | L         |                | L         | ┸        | 丄            | ┸        | 4  | $\perp$  | 110      |            | _         |          | -        |          |                | $\dashv$ | H        | $\vdash$ | <del></del>  | 1 |
| F              |              | 11          | +        | +        | #            | $\dagger$ | 十        | _        | T               | $\dashv$     | $\dashv$   | ٦        |          | 6        |          |              |          |          |           | ┸              | ┸         | ┸        | $\downarrow$ | 1        | 4  | $\vdash$ | 11       | _          |           | -        | $\dashv$ | $\dashv$ |                |          | Н        | Н        | ⊢            | ┨ |
| <br> -         |              | 2           | +        | ⇈        | H            | 1         | 7        | 1        | 7               | $\neg$       | $\neg$   |          |          | 62       |          |              |          | L        | $\perp$   | 1              | ┸         | 1        | ┸            | 4-       | 4  | $\vdash$ | 112      |            | _         |          | $\dashv$ |          | -              | Н        | Н        | Н        | ┢╌           | 1 |
| . 1            |              | 3           | T        | IT       | 十            | 十         | ✝        | _        |                 |              |  |          |          | 63       | +-       | $\perp$      | $\perp$  | L        | $\perp$   | $\perp$        | 1         | +        | $\perp$      | +        | 4  | $\vdash$ | 11       | -          | Н         |          |          | $\vdash$ | $\dashv$       | Н        | Н        | H        | -            | 1 |
| <b> </b>       | T            | ial I       | T        | $\sqcap$ | 1            | T         |          |          |                 |              | $\Box$   |          | ·        | 64       |          | 1            | 1        | $\perp$  | +         | 4              | +         | +        | +            | +        | 4  | $\vdash$ | 11       |            | Н         | -        | $\dashv$ | Н        | H              | Н        | Н        | Н        | Ė            | 1 |
| *              | <b>F</b>     | #<br>5      |          |          |              | I         |          | $\Box$   |                 | $\Box$       | $\perp$  | $\dashv$ | Ļ        | 65       | _        | oppi         | ┼-       | ╄        | +         | +              | +         | +        | +            | +        | $\dashv$   | $\vdash$ | -11      |            | H         | $\dashv$ |          | H        |                | г        | $\vdash$ | Н        |              | 1 |
| 3              | 1            | <b>6</b> \  |          | $\Pi$    | $\perp$      |           |          | $\Box$   | _               | _            | _  | _        | L        | 66       | -        | +            | ↓_       | ╀        | ╁         | ╁              | +         | +        | ╁            | ╁        | $\dashv$   | -        | 111      | _          | $\vdash$  |          |          |          | S. year        | E.S.     | ***      | n)       | vi h         | 7 |
|                | l l'         | 17 VI       |          | Ш        | H            | 4         | _        | 4        | _               | _            | -4   | _        | -  -     | 67       |          | +            | ╁        | ╁        | ╁         | ╁              | +         | ╫        | +            | +        | ┨ .  | $\vdash$ | 111      | -          | -         | Н        | П        | П        |                | 132      |          |          | Г            | 1 |
| : [            | П            | 9           | 1        | П        | 1            | -         | ∸        | _        | _               |              |  | -        | ⊢        | 66       |          | ╁            | ╀╌       | ╁        | ╁         | ╁              | +         | ╅        | +            | +        | 1  | 上        | 11       | _          |           | -        | П        | •        | ٠.             | -        |          | Г        | Г            | 7 |
| ~ [            | J            | 9           | Ц        | Ш        |              | 4         | 4        | _]       | _               | -1           | 긔  | _        | ⊢        | 69       | -        | +            | ╀        | ╀        | ╫         | +              | ╁         | ╫        | +            | +        | ┥  | 1        | 12       | _          | ┢         |          | $\vdash$ | Г        |                |          | F        | Г        | Γ            | 1 |
|                | $\mathbf{Q}$ | 20)         |          | ١,       | <u>{ </u>    | $\perp$   | _        | _        |                 | 5            | _  | 1        | -        | 7        |          | +            | +        | +-       | +-        | ╀              | +         | ╁        | +            | +        | $\dashv$   | ┢        | 12       |            | -         | $\vdash$ | Н        | $\vdash$ |                | Ι.       | 1        | Г        | T            | 1 |
| T              |              | 21          | $\Box$   | $\perp$  | Щ            | 4         | _        | _        |                 | _            |  | 4        | -        | 7        | _        | ╁            | ╀        | ╁        | ╁         | ╁              | ╁         | ╁        | ╁            | ╁        | ┨  | -        | 12       |            | -         | H        | Г        |          | -              | Г        | Т        | Τ.       | Γ            | 7 |
|                | _            | 22          | 4        | 4        | 4            | 4         | _        | _        | $\sqcup$        | $\dashv$     | $\dashv$   | -1       | -        | 7        |          | ╁            | ╫        | ╁        | ┿         | +              | ╁         | +        | $^{+}$       | +        | -  | $\vdash$ | 12       |            |           | -        | $\Box$   | Г        | Г              |          |          |          |              |   |
|                |              | 23          | _        | 4        | 41           | 4         | -        | 4        | $\vdash \dashv$ |              | Н  | ႕        | ·  -     | +        |          | ╫            | +        | ┿        | +         | +              | ╅         | +        | +            | +        | ┪  | T        |          | 24         | Г         | Π        |          | Г        | П              |          | oxdot    |          | oxdot        | ] |
| ļ.             | _            | 24          | 4        | 4        | #            |           |          |          | $\vdash$        | -            | Н  | $\dashv$ | H        | +        |          | ╫            | +        | +        | 十         | +              | ╅         | $\top$   | 十            | 十        | 7  | T        | 12       | 25         | Γ         |          |          |          | L              | L        | L        | L        | L            | ╛ |
| }              |              | 25          | -        | +        | H            | -         |          |          | $\vdash$        | H            | Н  | $\dashv$ | ⊢        | 7        | _        | 十            | +        | +        | 十         | +              | +         | $\top$   | 1            | $\top$   | 1  |          | 12       | 26         |           |          | $\Box$   | L        |                | 上        | 丄        | 丄        | L            | ╛ |
| .              |              | 26          | $\dashv$ | $\dashv$ | H            | -         | -        |          | Н               | <u> </u>     | -  | $\dashv$ | <br>     | 7        | _        | +            | +        | ╁        | $\dagger$ | $\dagger$      | $\top$    | $\top$   | 7            | $\dashv$ | 7  |          | 12       | 27         |           |          |          |          | L              | <b>*</b> | 1:       | 1        | Ŧ            | 4 |
|                | _            | 27          | $\dashv$ | $\dashv$ | ¥            | $\dashv$  | - 4      | $\vdash$ | -               | ╁─           |  | Н        | r        | 17       | _        | +            | +        | +        | †         | $\top$         | $\top$    | 1        | T            | I        |  |          |          | 28         |           |          | 上        | 1        | 丄              | 丰        | ┺        | ╀        | $\downarrow$ | 4 |
| .01            |              | 28<br>29    | +        | -        | ÷            | -         | 1        | ┢        | ╁╌              | ┢            | H  | Н        | r        |          | 9        | 十            | $\top$   | 1        | 1         | 7              |           | 1        |              | $\Box$   |  |          |          | 29         | <u> </u>  | ┖        | 丄        | ╄-       | ╀-             | ↓_       | ╀-       | ╄        | ╄            | 4 |
| $\Omega$       | -            | 30          | $\dashv$ | $\dashv$ | <del>:</del> | -         |          | -        | H               | ╁            | <del>                                     </del> | Н        | l        | 1        | 10       | 1            | 1        | T        | T         | 丁              |           |          |              |          |  | L        | _        | 30         | ┺         | ┞-       | 丄        | ╀        | ╀              | ╀        | +        | ╀        | +            | 4 |
| 7              | _            | 31          | -+       | +        | *            | -         | H        | -        | ╁               | 1            | ✝  | Н        | ı        | 1        | 31       | $\top$       | T        |          |           |                |           |          |              |          | ╛  | L        |          | 31         | ╄         | ╄        | $\perp$  | 4        | <del> </del> - | ╀        | +        | ╀        | ╀            | 4 |
|                |              | 32          | $\dashv$ | ᅥ        | ᅥ            | _         | $\vdash$ |          | 1               | t            | $\vdash$   | П        | ı        | 1        | 32       | 1            |          | $\perp$  | $\Box$    |                | $\perp$   | $\perp$  |              | $\perp$  | _  | L        | -        | 32         | 1         | 1-       | ╀        | ╀        | +              | ╁        | ╀        | ╀        | ╁            | ᅱ |
| * *            | _            | 33          | -        | $\dashv$ |              |           | 1        | 广        | T               | t            |  | П        | Γ        | . [8     | 13       | I            | $\perp$  | $\perp$  |           |                |           |          | _            | _        | 4  |          |          | 33         | ╄         | ╀        | +        | +        | ╁              | ╀        | ╁        | ╀        | ╁            | ᅱ |
|                | _            | 34          | 7        | ┪        |              |           |          | T        | Ī               | 1            |  |          |          |          | 14       | $\perp$      | $\perp$  | $\perp$  | 4         | 4              | _         | _        | -            | 4        | _  | -        |          | 34<br>35   | ╀         | ╀        | ╀        | ╀        | ╀              | +        | +        | ╁        | 十            | ᅥ |
| 4              | _            | 35          |          | _        |              |           |          |          |                 |              |  |          |          |          | 35       | 4            | _        | 4        | 4         | 4              | -         | -        | -            | -        | 4  | H        |          | 36         | ╁         | ╁        | ╁╴       | +-       | +              | +        | +        | 十        | 十            | _ |
|                | <u> </u>     | 36          | $\neg$   |          |              |           |          |          |                 | $oxed{L}$    | L  |          | i L      |          | 36       | 4            | 4        | +        | 4         | -              | -         | $\dashv$ |              | $\dashv$ | $\dashv$   | ŀ        |          | 37         | ╂╌        | ╁╌       | ╁        | ╁╴       | +              | ╁        | +        | +        | 十            |   |
| 1              |              | 37          |          |          |              |           |          |          | L               | L            | $\perp$  | ш        |          | _        | 37       | 4            | +        | +        | -         | 4              | -         | -        | {            | +        | $\dashv$   | +        | -        | 38         | +         | +        | +        | 十        | +              | 十        | 十        | 十        | 十            | _ |
|                |              | 38          |          |          |              |           |          | L        | $\perp$         | $\perp$      | L  | 1_       |          |          | 38       | +            | +        | +        | -+        | -              | -         | -        | -            | +        | $\dashv$   | ŀ        | _        | 39         | +         | +        | +        | 十        | T              | +        | +        | +        | 1            | _ |
| 2              |              | 39          |          |          | L            | L         | L        | 1        | 1_              | $\perp$      | $\downarrow$                                     | 1        |          | _        | 89       | +            | +        | +        | $\dashv$  | +              |           | -        | -            | $\dashv$ | $\dashv$   | ŀ        | -+       | 40         | 十         | +        | +        | 十        | 1              | 丁        | T        | T        | T            |   |
|                |              | 40          |          |          | L            | L         | L        | L        | ┸               | ╄            | 1  | 1_       |          |          | 90       | +            | +        | +        | -         | -              | $\dashv$  | -        | $\dashv$     | $\dashv$ | $\dashv$   | 1        |          |            | +         | <b>/</b> | :C       | 仁        | N              | 什        | 十        | Ť        | †            | _ |
|                | $\Gamma$     | 41<br>42    |          |          | L            | L         | L        | $\perp$  | $\perp$         | $\perp$      | 1  | 1_       |          |          | 91       | 4            | +        | 4        | _         | _              |           |          | X            | 1        | 74)  | A        | H        | 143        | #         | þ        | 7        | 4        | †⁵             | 十        | 十        | †        | †            | - |
|                |              |             |          |          |              |           |          | 1        | 1               | 1            | $\perp$  | $\bot$   |          |          | 92       | -            | $\dashv$ | -\$      | 3₩        | - d<br>- d     | H         | $\dashv$ | A            | N/       | <u> </u>   | _        | 于        | 143        | +         | 十        | 十        | 十        | 十              | 十        | 十        | †        | 1            | _ |
|                |              | 43          |          |          | L            | 2         | L        | 1        | $\perp$         | $\downarrow$ | 1  | 1        |          |          | 93       | -+           | -+       | -1       | -         | $\dashv$       |           | $\dashv$ | -            | Н        | $\dashv$   | ŀ        |          | 144        | +         | +        | $\top$   | 十        | T              | T        | T        | $\top$   | 1            | , |
| 4              | 1            | 44<br>45    |          | L        | L            | 1         | 13       | śĻ.      | 4               | 4-           | 4  | +        |          |          | 94<br>95 | $\dashv$     | -{       |          | $\dashv$  | $\dashv$       | Н         | -        | $\vdash$     | Н        | H  | ŀ        | ᅱ        | 145        | +         | +        | 十        | 十        | +              | 十        | 丰        | 1        |              |   |
| 1              |              | 45          | 1        | _        | 1            | 1         | 1        | 1        | +               | +            | +  | +-       |          |          | 95<br>96 | -            | +        | -        | -         | $\dashv$       | Н         |          | -            | Н        | Н  |          |          | 146        | $\top$    | 1        | 十        | $\top$   | T              | T        | T        | I        | $\Box$       | _ |
| Takes          |              | 46          | <u></u>  | -        | <del> </del> | ╀         | 1        | +        | +               | +            | +  | +        | 1        |          | 97       | $\dashv$     | $\dashv$ | $\dashv$ | $\dashv$  | H              | Н         | ٣        | Η            | П        | Н  | ł        |          | 147        | $\top$    | T        |          |          | T              | :        |          | *        | 4            |   |
| 1              |              | 47          | -        | 1_       | :            | 13        | # _      | +        | +               | +            | +  | +-       | ┨        |          | 98       | $\dashv$     | $\dashv$ | $\dashv$ | $\vdash$  | Н              | -         | -        | Т            | П        | Н  | ı        | П        | 148        | I         | 1        | I        | m I      | T              | 7        | 1        |          |              | _ |
| zeris<br>Na≢il | L            | 48          |          | +        | ╁            | +'        | +        | +        | +               | +            | +  | +        | 1        |          | 99       | $\dashv$     | ᅱ        | Н        |           | П              | Τ         |          | F            |          | П  |          |          | 148<br>148 | Ι         | I        | $\perp$  | $\perp$  | $\perp$        | $\perp$  | $\perp$  | $\perp$  | _            | _ |
|                | L            | 49<br>50    | 1        | ┡        | +            | +         | ╁        | +        | +               | +            | +  | +-       | 1        | Н        | 100      |              | _        |          |           |                | Г         |          |              |          |  | 1        |          | 150        | $\perp$ L |          | 丄        | $\perp$  | 丄              | 丄        | 丄        |          | _1           |   |

If more than 150 claims or 10 actions staple additional sheet here

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